PALM INTRANET

Day : Tuesday
Date: 3/16/2004

Time: 14:15:14

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.
Additionally, enter the **first few letters** of the Inventor's First name.

Last Name	First Name	
Abatangelo	Giovanni	Search

To go back use Back button on your browser toolbar.

Back to PALM | ASSIGNMENT | OASIS | Home page

h e eb cg b e f e

Refine Search

Search Results -

Term	Documents
(5 NOT 6).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	85
(L5 NOT L6).PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD.	85

Database: US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search: L7

Refine Search

Recall Text | Clear | Interrupt

Search History

DATE: Tuesday, March 16, 2004 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; THES=ASSIGNEE; PLUR=YES; OP=AND			
L7	L5 not L6	85	L7
L6	L5 and (human adj fibroblast)	8	L6
L5	L2 and L3	93	L5
L4	L2 same L3	6	L4
L3	((endothelial or glandular or germinative or liver or Langerhans) adj cell) or (skin adj adnexa) or (hair adj bulb) or (hepatocyte)	40906	L3
L2	((hyaluronic adj acid) adj derivative)	512	L2
L1	Abatangelo-Giovanni.in.	7	L1

END OF SEARCH HISTORY

h e b b cg b e e ch

Status: Path 1 of [Dialog Information Services via Modem]

Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)
Trying 31060000009999...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
******** HHHHHHHH SSSSSSSS?
Status: Signing onto Dialog
****
ENTER PASSWORD:
******** HHHHHHHH SSSSSSSS? ********
Welcome to DIALOG
Status: Connected

Dialog level 04.01.00D

Last logoff: 12mar04 09:58:32
Logon file001 16mar04 14:59:12
*** ANNOUNCEMENT ***
***
--File 654 - US published applications from March 15, 2001 to the present are now online. Please see HELP NEWS 654 for details.

***
--File 581 - The 2003 annual reload of Population Demographics is complete. Please see Help News581 for details.

***
--File 990 - NewsRoom now contains February 2003 to current records. File 992 - NewsRoom 2003 archive has been newly created and contains records from January 2003. The oldest months's records roll out of File 990 and into File 992 on the first weekend of each month. To search all 2003 records BEGIN 990, 992, or B NEWS2003, a new OneSearch category.
***
--Connect Time joins DialUnits as pricing options on Dialog. See HELP CONNECT for information.
***
***
--SourceOne patents are now delivered to your email inbox as PDF replacing TIFF delivery. See HELP SOURCE1 for more information.
***
--Important news for public and academic libraries. See HELP LIBRARY for more information.
***
--Important Notice to Freelance Authors--
See HELP FREELANCE for more information
***
NEW FILES RELEASED
***DIOGENES: Adverse Drug Events Database (File 181)
***World News Connection (File 985)
***Dialog NewsRoom - 2003 Archive (File 992)
***TRADEMARKSCAN-Czech Republic (File 680)
***TRADEMARKSCAN-Hungary (File 681)
***TRADEMARKSCAN-Poland (File 682)
***
UPDATING RESUMED
***
RELOADED
***Medline (Files 154-155)
***Population Demographics -(File 581)
***CLAIMS Citation (Files 220-222)

```
REMOVED
                    ***

      >>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
      >>>    of new databases, price changes, etc.      <<<
                    ****
KWIC is set to 50.
HILIGHT set on as '*'
*
*
* ALL NEW CURRENT YEAR RANGES HAVE BEEN * * *
* * * INSTALLED   * * *

File   1:ERIC  1966-2004/Mar 11
       (c) format only 2004 The Dialog Corporation

      Set  Items  Description
      ---  -----  -----------
Cost is in DialUnits
?b 155, 5, 73
       16mar04 14:59:26 User259876 Session D600.1
            $0.32    0.090 DialUnits File1
     $0.32  Estimated cost File1
     $0.05  TELNET
     $0.37  Estimated cost this search
     $0.37  Estimated total session cost   0.090 DialUnits


SYSTEM:OS  - DIALOG OneSearch
  File 155:MEDLINE(R)  1966-2004/Mar W1
        (c) format only 2004 The Dialog Corp.
*File 155: Medline has been reloaded. Accession numbers
have changed. Please see HELP NEWS 154 for details.
  File   5:Biosis Previews(R)  1969-2004/Mar W1
        (c) 2004 BIOSIS
  File  73:EMBASE  1974-2004/Mar W1
        (c) 2004 Elsevier Science B.V.

      Set  Items  Description
      ---  -----  -----------
?s (hyaluronic (w) acid (w) derivative?) and (((endothelial or glandular or germinative
 or liver or Langerhans) (w) cell?) or (skin (w) adnexa) or hepatocytes)
Processing
Processing
Processing
          26697  HYALURONIC
        3545495  ACID
        1165027  DERIVATIVE?
            287  HYALURONIC(W)ACID(W)DERIVATIVE?
         313955  ENDOTHELIAL
          40815  GLANDULAR
           2288  GERMINATIVE
        1479737  LIVER
          57487  LANGERHANS
        8995185  CELL?
         339078  ((((ENDOTHELIAL OR GLANDULAR) OR GERMINATIVE) OR LIVER)
                 OR LANGERHANS)(W)CELL?
         876102  SKIN
           4682  ADNEXA
             92  SKIN(W)ADNEXA
         115372  HEPATOCYTES
      S1     12  (HYALURONIC (W) ACID (W) DERIVATIVE?) AND (((ENDOTHELIAL
                 OR GLANDULAR OR GERMINATIVE OR LIVER OR LANGERHANS) (W)
                 CELL?) OR (SKIN (W) ADNEXA) OR HEPATOCYTES)
?rd
...completed examining records
      S2     10  RD (unique items)
```

?t s2/3,k/all

2/3,K/1 (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2004 The Dialog Corp. All rts. reserv.

13686903 PMID: 9375842
Biocompatibility and enzymatic degradation studies on sulphated *hyaluronic* *acid* *derivatives*.
Abatangelo G; Barbucci R; Brun P; Lamponi S
Istituto di Istologia ed Embriologia Generale, University of Padova, Italy.
Biomaterials (ENGLAND) Nov 1997, 18 (21) p1411-5, ISSN 0142-9612
Journal Code: 8100316
Document type: Journal Article
Languages: ENGLISH
Main Citation Owner: NLM
Record type: Completed

Biocompatibility and enzymatic degradation studies on sulphated *hyaluronic* *acid* *derivatives*.
... by hyaluronic acid sulphation (HyalSx) were evaluated. In particular, HyalSx cytotoxicity and cytocompatibility were assessed by the direct contact method using fibroblasts L929 and human *endothelial* *cells*. The results showed that *hyaluronic* *acid* *derivatives* are devoid of any cytotoxic effects on mouse fibroblasts and they are cytocompatible. The haemolysis test showed that the sulphated polysaccharides are not haemolytic. HyalSx...

2/3,K/2 (Item 1 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.

12186060 EMBASE No: 2003297065
Role of hyaluronic acid glycosaminoglycans in shear-induced endothelium-derived nitric oxide release
Mochizuki S.; Vink H.; Hiramatsu O.; Kajita T.; Shigeto F.; Spaan J.A.E.; Kajiya F.
S. Mochizuki, Dept. of Medical Engineering, Kawasaki Medical School, 577 Matsushima, Kurashiki, Okayama 701-0192 Japan
AUTHOR EMAIL: mochi@me.kawasaki-m.ac.jp
American Journal of Physiology - Heart and Circulatory Physiology (AM. J. PHYSIOL. HEART CIRC. PHYSIOL.) (United States) 01 AUG 2003, 285/2 54-2 (H722-H726)
CODEN: AJPPD ISSN: 0363-6135
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 17

Endothelium-derived nitric oxide (NO) is synthesized in response to chemical and physical stimuli. Here, we investigated a possible role of the *endothelial* *cell* glycocalyx as a biomechanical sensor that triggers endothelial NO production by transmitting flow-related shear forces to the endothelial membrane. Isolated canine femoral arteries were...
DRUG DESCRIPTORS:
*nitric oxide--endogenous compound--ec; **hyaluronic* *acid* *derivative*

2/3,K/3 (Item 2 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.

11865830 EMBASE No: 2002440932
Lymphatic endothelial regulation, lymphoedema, and lymph node metastasis
Karkkainen M.J.; Alitalo K.
M.J. Karkkainen, Molecular/Cancer Biology Laboratory, Helsinki University

Hospital, University of Helsinki, PO Box 63 (Haartmaninkatu 8), 00014 Helsinki Finland
AUTHOR EMAIL: Marika.Karkkainen@Helsinki.Fl
Seminars in Cell and Developmental Biology (SEMIN. CELL. DEV. BIOL.) (United Kingdom) 2002, 13/1 (9-18)
CODEN: SCDBF ISSN: 1084-9521
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 100

Vascular endothelial growth factor receptor-3 (VEGFR-3) mediates lymphatic *endothelial* *cell* (LEC) growth, migration, and survival by binding VEGF-C and VEGF-D. Recent studies have revealed new regulators of the lymphatic endothelium, such as the...
DRUG DESCRIPTORS:
...receptor 3--endogenous compound--ec; vasculotropin receptor 3 --pharmacology--pd; vasculotropin C--endogenous compound--ec; vasculotropin --endogenous compound--ec; cell surface protein--endogenous compound--ec; *hyaluronic* *acid* *derivative*--endogenous compound--ec; integrin --endogenous compound--ec; transcription factor--endogenous compound--ec; chemokine receptor--endogenous compound--ec; neuropilin 2--endogenous compound--ec; angiopoietin 2--endogenous...

2/3,K/4 (Item 3 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.

11745717 EMBASE No: 2002313006
Manipulation of hyaluronan synthase expression in prostate adenocarcinoma cells alters pericellular matrix retention and adhesion to bone marrow *endothelial* *cells*
Simpson M.A.; Wilson C.M.; Furcht L.T.; Spicer A.P.; Oegema Jr. T.R.; McCarthy J.B.
J.B. McCarthy, Dept. of Laboratory Medicine, University of Minnesota, 420 Delaware St. S. E., Minneapolis, MN 55455 United States
AUTHOR EMAIL: mccar001@tc.umn.edu
Journal of Biological Chemistry (J. BIOL. CHEM.) (United States) 22 MAR 2002, 277/12 (10050-10057)
CODEN: JBCHA ISSN: 0021-9258
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 39

Manipulation of hyaluronan synthase expression in prostate adenocarcinoma cells alters pericellular matrix retention and adhesion to bone marrow *endothelial* *cells*

...bone marrow endothelium, followed by transmigration and proliferation within the marrow. Rapid, specific adhesion of highly metastatic prostate adenocarcinoma cells PC3M-LN4) to bone marrow *endothelial* *cell* (BMEC) lines requires a pericellular hyaluronan (HA) matrix and correlates with dramatically up-regulated HA synthase (HAS) expression. Non-metastatic prostate tumor cells (LNCaP) do...
DRUG DESCRIPTORS:
**hyaluronic* *acid* *derivative*; *cell adhesion molecule

2/3,K/5 (Item 4 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.

11666872 EMBASE No: 2002239405
Control of capillary formation by membrane-anchored extracellular inhibitor of phospholipase ASUB2
Chen W.M.; Soria J.; Soria C.; Krimsky M.; Yedgar S.
J. Soria, INSERM - EMI 99-12, Hotel Dieu, Paris France

AUTHOR EMAIL: jeannette.soria@htd.ap-hop-paris.fr
FEBS Letters (FEBS LETT.) (Netherlands) 03 JUL 2002, 522/1-3 (113-118)
CODEN: FEBLA ISSN: 0014-5793
PUBLISHER ITEM IDENTIFIER: S0014579302029071
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 33

Secretory phospholipase ASUB2 (sPLASUB2) has been reported to be involved in cell proliferation in general and in *endothelial* *cell* migration, processes required for capillary formation. Subsequently, we examined the potential control of angiogenesis by sPLASUB2 inhibition, using a cell-impermeable sPLASUB2 inhibitor composed of N-derivatized phosphatidyl-ethanolamine linked to hyaluronic acid. This inhibitor effectively inhibits the proliferation and migration of human bone marrow *endothelial* *cells* in a dose-dependent manner, and suppresses capillary formation induced by growth factors involved in vascularization of tumors and of atherosclerotic plaques. It is proposed...
DRUG DESCRIPTORS:
*phosphatidylethanolamine--drug development--dv; *phosphatidylethanolamine --pharmacology--pd; **hyaluronic* *acid* *derivative*--drug development--dv ; **hyaluronic* *acid* *derivative*--pharmacology--pd

2/3,K/6 (Item 5 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.

11002789 EMBASE No: 2001047051
Morphology and metabolism of *hepatocytes* cultured in Petri dishes on films and in non-woven fabrics of hyaluronic acid esters
Catapano G.; De Bartolo L.; Vico V.; Ambrosio L.
G. Catapano, Department Chemical/Materials Eng., University of Calabria, Via P. Bucci cubo 17/C, I-87030 Rence (CS) Italy
AUTHOR EMAIL: catapano@unical.it
Biomaterials (BIOMATERIALS) (United Kingdom) 2001, 22/7 (659-665)
CODEN: BIMAD ISSN: 0142-9612
PUBLISHER ITEM IDENTIFIER: S0142961200002283
DOCUMENT TYPE: Journal ; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 28

Morphology and metabolism of *hepatocytes* cultured in Petri dishes on films and in non-woven fabrics of hyaluronic acid esters

...compatibility and are available in various geometrical configurations. These properties can be exploited for the design of innovative bioartificial liver support devices (BALSDs) using primary *hepatocytes*. In this paper, we report a preliminary investigation of the polymer feasibility of the ethyl and the benzyl Hyal ester in the form of films and non-woven fabrics for the in vitro culture of primary rat *hepatocytes*. Cell function was evaluated daily in Petri dishes with respect to the rate of ammonia elimination (AER) and urea synthesis (USR). Cells cultured in non...
DRUG DESCRIPTORS:
**hyaluronic* *acid* *derivative*
MEDICAL DESCRIPTORS:
**liver* *cell* culture; *cell metabolism

2/3,K/7 (Item 6 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.

10862315 EMBASE No: 2000344203
Cu(II) and Zn(II) complexes with hyaluronic acid and its sulphated

derivative. Effect on the motility of vascular *endothelial* *cells*
Barbucci R.; Magnani A.; Lamponi S.; Mitola S.; Ziche M.; Morbidelli L.; Bussolino F.
R. Barbucci, Dept. Chem./Biosystem Sci./Technol., University of Siena, Pian dei Mantellini 44, 53100 Siena Italy
AUTHOR EMAIL: barbucci@unisi.it
Journal of Inorganic Biochemistry (J. INORG. BIOCHEM.) (United States) 01 OCT 2000, 81/4 (229-237)
CODEN: JIBID ISSN: 0162-0134
PUBLISHER ITEM IDENTIFIER: S0162013400001276
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 47

Cu(II) and Zn(II) complexes with hyaluronic acid and its sulphated derivative. Effect on the motility of vascular *endothelial* *cells*

...at pH=7.4. On the contrary, the Zn(II) ion was present with a relatively low percentage of both complexes. The ability to stimulate *endothelial* *cell* adhesion and migration was evaluated for Hyal, HyalSinf 3inf .inf 5 and their complexes with Cu(II) and Zn(II) ions. The results revealed that...
DRUG DESCRIPTORS:
*copper complex--pharmacology--pd; *copper complex--drug development--dv; * zinc complex--pharmacology--pd; *zinc complex--drug development--dv; * *hyaluronic* *acid* *derivative*--pharmacology--pd; **hyaluronic* *acid* *derivative*--drug development--dv

2/3,K/8 (Item 7 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.

06895838 EMBASE No: 1997180219
Early-response gene signalling is induced by angiogenic oligosaccharides of hyaluronan in *endothelial* *cells*. Inhibition by non-angiogenic, high-molecular-weight hyaluronan
Deed R.; Rooney P.; Kumar P.; Norton J.D.; Smith J.; Freemont A.J.; Kumar S.
S. Kumar, Department of Pathological Sciences, Medical School, University, Oxford Road, Manchester M13 9PT United Kingdom
International Journal of Cancer (INT. J. CANCER) (United States) 1997 , 71/2 (251-256)
CODEN: IJCNA ISSN: 0020-7136
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH
NUMBER OF REFERENCES: 22

Early-response gene signalling is induced by angiogenic oligosaccharides of hyaluronan in *endothelial* *cells*. Inhibition by non-angiogenic, high-molecular-weight hyaluronan

The degradation products of hyaluronan are known to stimulate *endothelial*-*cell* proliferation and to promote neovascularization associated with angiogenesis, whilst native high-molecular-weight hyaluronan is inhibitory to these processes. To investigate the cellular signalling pathways coupled to hyaluronan-induced responses in angiogenesis, we have analyzed early-response gene expression in vitro, in cultured bovine aortic *endothelial* *cells*. Angiogenic oligosaccharides of hyaluronan induced rapid transient up-regulation of the immediate early genes c-fos, c-jun, jun-B, Krox-20 and Krox-24...

...exposure to oligosaccharides of hyaluronan is essential for cell proliferation, indicating that short-term immediate early-gene signalling is insufficient to elicit the proliferation of *endothelial* *cells*.
DRUG DESCRIPTORS:
*angiogenic factor; **hyaluronic* *acid* *derivative*

2/3,K/9 (Item 8 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.

05175811 EMBASE No: 1992316045
Identification of the Casup 2sup +-independent endocytic hyaluronan receptor in rat liver sinusoidal *endothelial* *cells* using a photoaffinity cross-linking reagent
Yannariello-Brown J.; Frost S.J.; Weigel P.H.
Human Biol. Chemistry/Genetics Dept., University of Texas Medical Branch,Galveston, TX 77555-0647 United States
Journal of Biological Chemistry (J. BIOL. CHEM.) (United States) 1992, 267/28 (20451-20456)
CODEN: JBCHA ISSN: 0021-9258
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

Identification of the Casup 2sup +-independent endocytic hyaluronan receptor in rat liver sinusoidal *endothelial* *cells* using a photoaffinity cross-linking reagent

The Casup 2sup +-independent endocytic hyaluronan (HA) receptor in rat liver sinusoidal *endothelial* *cells* (LECs) was identified using a novel cross- linking derivative of HA. The heterobifunctional, photoactivatable, reducible reagent sulfosuccinimidyl 2-(p-azidosalicylamido)ethyl-1,3'-dithiopropionate (SASD...
DRUG DESCRIPTORS:
*cell receptor; **hyaluronic* *acid* *derivative*

2/3,K/10 (Item 9 from file: 73)
DIALOG(R)File 73:EMBASE
(c) 2004 Elsevier Science B.V. All rts. reserv.

04925243 EMBASE No: 1992065459
A novel secretory tumor necrosis factor-inducible protein (TSG-6) is a member of the family of hyaluronate binding proteins, closely related to the adhesion receptor CD44
Lee T.H.; Wisniewski H.-G.; Vilcek J.
Dept. of Microbiology, Kaplan Cancer Center, NY Univ. Medical Center,NY 10016 United States
Journal of Cell Biology (J. CELL BIOL.) (United States) 1992, 116/2 (545-557)
CODEN: JCLBA ISSN: 0021-9525
DOCUMENT TYPE: Journal; Article
LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

...normal human fibroblast lines and in peripheral blood mononuclear cells. In contrast, TSG-6 mRNA was undetectable in either control or TNF-treated human vascular *endothelial* *cells* and a variety of tumor-derived or virus-transformed cell lines. The sequence of full-length TSG-6 cDNA revealed one major open reading frame...
DRUG DESCRIPTORS:
*binding protein; *core protein--endogenous compound--ec; **hyaluronic* *acid* *derivative*; *tumor necrosis factor
?ds

Set Items Description
S1 12 (HYALURONIC (W) ACID (W) DERIVATIVE?) AND (((ENDOTHELIAL OR GLANDULAR OR GERMINATIVE OR LIVER OR LANGERHANS) (W) CELL?) - OR (SKIN (W) ADNEXA) OR HEPATOCYTES)
S2 10 RD (unique items)
?s (hyaluronic (w) acid (w) derivative?) (s) (cell (w) culture)
26697 HYALURONIC
3545495 ACID

```
        1165027  DERIVATIVE?
        7499995  CELL
        1194921  CULTURE
      S3       2  (HYALURONIC (W) ACID (W) DERIVATIVE?) (S) (CELL (W)
                  CULTURE)
?rd
...completed examining records
      S4       2  RD (unique items)
?t s4/3,k/all

 4/3,K/1     (Item 1 from file: 155)
DIALOG(R)File 155:MEDLINE(R)
(c) format only 2004 The Dialog Corp. All rts. reserv.

06562541   PMID: 6742428
  Preparation of alkylamine and 125I-radiolabeled derivatives of hyaluronic
acid uniquely modified at the reducing end.
  Raja R H; LeBoeuf R D; Stone G W; Weigel P H
  Analytical biochemistry (UNITED STATES)   May 15 1984,  139  (1)  p168-77
,  ISSN 0003-2697   Journal Code: 0370535
  Contract/Grant No.: GM 26228; GM; NIGMS; GM 30218; GM; NIGMS
  Document type: Journal Article
  Languages: ENGLISH
  Main Citation Owner: NLM
  Record type: Completed

  ... matrix  interactions  with hyaluronic acid. In addition, the uniquely
modified  alkylamine derivative of hyaluronic acid has been used to prepare
affinity chromatography media and synthetic *cell* *culture* surfaces.


 4/3,K/2     (Item 1 from file: 5)
DIALOG(R)File   5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0004337259   BIOSIS NO.: 198478072666
PREPARATION OF ALKYLAMINE AND IODINE-125 RADIO LABELED DERIVATIVES OF
  HYALURONIC-ACID UNIQUELY MODIFIED AT THE REDUCING END
AUTHOR: RAJA R H (Reprint); LEBOEUF R D; STONE G W; WEIGEL P H
AUTHOR ADDRESS: DIV BIOCHEM, DEP HUM BIOL CHEM AND GENETICS, UNIV TEX MED
  BRANCH, GALVESTON, TEX 77550, USA**USA
JOURNAL: Analytical Biochemistry  139 (1): p168-177 1984
ISSN: 0003-2697
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: ENGLISH

...ABSTRACT: extracellular matrix interactions with hyaluronic acid. In
  addition, the uniquely modified alkylamine derivative of hyaluronic acid
  was used to prepare affinity chromatography media and synthetic *cell*
  *culture* surfaces.
?ds

Set     Items   Description
S1         12   (HYALURONIC (W) ACID (W) DERIVATIVE?) AND (((ENDOTHELIAL OR
                GLANDULAR OR GERMINATIVE OR LIVER OR LANGERHANS) (W) CELL?) -
               OR (SKIN (W) ADNEXA) OR HEPATOCYTES)
S2         10   RD (unique items)
S3          2   (HYALURONIC (W) ACID (W) DERIVATIVE?) (S) (CELL (W) CULTUR-
               E)
S4          2   RD (unique items)
?logoff
       16mar04 15:05:59 User259876 Session D600.2
            $5.04    1.575 DialUnits File155
               $0.42  2 Type(s) in Format  3
            $0.42  2 Types
     $5.46  Estimated cost File155
```

```
            $7.82    1.396 DialUnits File5
               $1.75  1 Type(s) in Format  3
            $1.75  1 Types
         $9.57  Estimated cost File5
               $11.29    1.153 DialUnits File73
                  $24.30  9 Type(s) in Format  3
               $24.30  9 Types
        $35.59  Estimated cost File73
               OneSearch, 3 files,  4.124 DialUnits FileOS
         $1.74  TELNET
        $52.36  Estimated cost this search
        $52.73  Estimated total session cost   4.214 DialUnits


### Status: Signed Off. (7 minutes)
```